Warranty Registration:
register online today for a chance to win a FREE Tripp Lite product—www.tripplite.com/warranty

Smart CAT5 Switch - 108 and 116

Quick Start Guide

1. Introduction

To take advantage of the full range of features, we recommend you read the softcopy User Guide after performing the Quick Start procedure. It's in PDF format on the supplied CD or on our website www.minicom.com in the Support section.

Access and control multiple multi-platform computers from one Keyboard Video Mouse (KVM) console with the Smart CAT5 Switch (Smart CAT5) system. The Smart CAT5 comes in 108 and 116 models. Connect up to 8 computers to the 108 model, and up to 16 to the 116 model.

2. System components

The Smart CAT5 system consists of:

- Smart CAT5 Switch 108 or 116
- RICC on Cable (ROCS) - PS/2, USB
- CAT5 cables (1.5m provided)
- RS232 Serial cable
- Rack mounts for the Smart CAT5

MINICOM by TRIPP·LITE

1111 W. 35th Street, Chicago, IL 60609 USA
www.tripplite.com/support

Copyright ©2012 Tripp Lite. All rights reserved.

3. The Smart CAT5 system configuration

Figure 1 illustrates the basic configuration of the Smart CAT5 system.

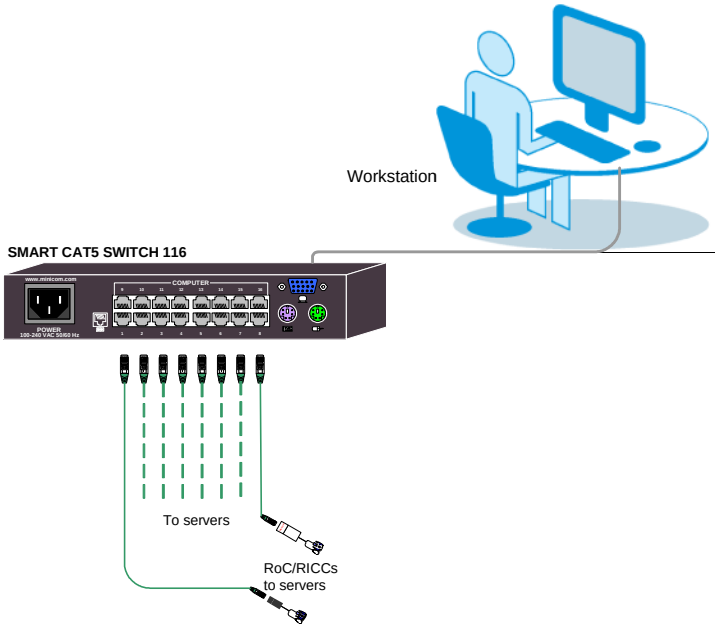

Figure 1 Smart CAT5 system configuration

4. The Smart CAT5 models

The figure below illustrates the rear panel of the Smart CAT5 116. The 108 model is the same but with only 8 Computer ports.

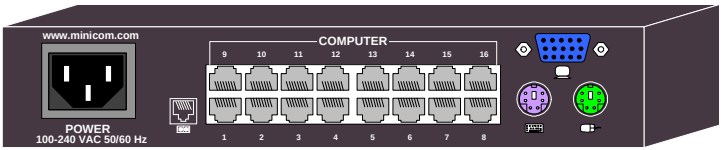

Figure 2 Smart CAT5 116 rear panel

5. Pre-installation guidelines

- Switch off all computers
- Place cables away from fluorescent lights, air conditioners, and machines that are likely to generate electrical noise
- Ensure that the maximum distance between each computer and the Smart CAT5, does not exceed 10m/33ft

6. Connecting the Smart CAT5 system

Each computer / server is directly connected to the Smart CAT5 via the appropriate ROC using CAT5 cable in a star configuration. No external power is needed at the remote ROCs. The ROCs draw their power from the computer's keyboard port (ROC PS/2) or from the USB port (ROC USB). The figures below illustrate the ROC PS/2 and ROC USB.

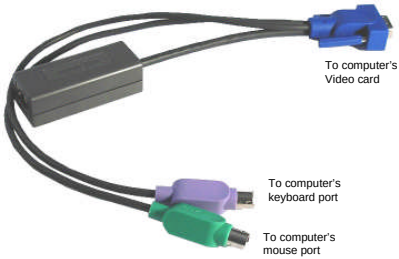

Figure 3 ROC PS/2

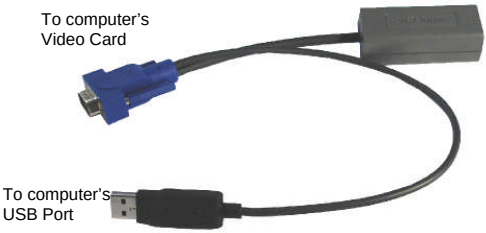

Figure 4 ROC USB

Connecting the KVM console

Connect a KVM console to the Smart CAT5 as illustrated in Figure 1 above.

Connecting a ROC to each computer

Connect the ROCs as detailed in the figures above.

Connecting the CAT5 cables

1. Connect one connector to the ROC's RJ45 port.
2. Connect the other connector to one of the Smart CAT5's Computer ports.
3. Follow the above 2 steps for each computer.

7. Connecting the power supply

1. Connect the Smart CAT5 to the power supply using the Power cable provided. Use only power cord supplied with the unit.
2. Switch on the computers.

8. Operating the Smart CAT5 system

Below is a brief outline of how to switch between computers. See the softcopy User Guide for the full operating details.

Switch between the connected computers by either

- The front panel Select buttons
- Keyboard hotkeys - To switch to the next computer forwards press **Shift** then, +. Release **Shift**, before pressing +. To switch to the next computer backwards press **Shift** then, -. Release **Shift**, before pressing -.
- Control software (See softcopy User Guide)
- The OSD

The OSD is also the place to adjust various settings as explained in the softcopy User Guide.

When switching computers the illuminated LED of the top row indicates which computer is currently selected.

9. The OSD

To display the OSD:

Press **Shift** twice. The OSD Main window appears.

Navigating the OSD

To navigate up and down use the Up and Down arrow keys.

To exit the OSD press **Esc**.

10. Selecting a computer

To select a computer:

1. Navigate to the desired computer line.

   Or, type the port number of the desired computer.

2. Press **Enter**. The selected computer is accessed. An OSD label appears showing which computer is accessed.

Note! When the OSD is displayed you cannot select computers using the front panel Select buttons or the keyboard hotkeys.

11. Resetting the switch

To reset the switch press the 2 front panel Select buttons simultaneously. The ROCs are unaffected by this reset.

For the rest of the configuration and operating instructions please see the softcopy User Guide on the supplied CD or on our website

http://www.minicom.com/supportuserguides.htm